comprised of antigen (having an affinity for the F(ab) fragments) embedded in a polyacrylamide matrix, whereby the F(ab) fragments are isolated from the F(c) fragments for subsequent recovery.

21. (Amended) An $F(ab)_2$ fragment extracted from an antibody containing source according to [the process of claim 9] a process comprising:

contacting the antibody containing source with a pepsin-polyacrylamide matrix to obtain a solution containing F(ab)2 and F(c) fragments; and

passing the solution containing the F(ab)2 and F(c) fragments through an affinity chromatography system having a gel comprised of an antigen (having an affinity for the F(ab)2 fragments) embedded in a polyacrylamide matrix, whereby the F(ab)2 fragments are isolated from the F(c) fragments for subsequent recovery.

22. (Amended) An IgG molecule extracted from a bulk antibody containing source according to [the process of claim 17] a process comprising: passing the bulk antibody containing source through an affinity chromatography system having a gel comprised of an antigen having an affinity for the IgG antibody embedded in a polyacrylamide matrix, whereby the IgG antibody is isolated from the bulk antibody containing source for subsequent recovery.

23. (Amended) An F(ab) fragment extracted from [a polyvalent IgG(T) source according to the process of claim 1] an antibody containing source according to the process of claim 20 wherein the antibody containing source is polyvalent IgG(T).

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